

Converting Colors

RGB(210, 251, 247)

Have a look what the booklet for
RGB(210, 251, 247) contains.

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Color

RGB(210, 251, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D2FBF7
RGB	210, 251, 247
RGB Percent	82%, 98%, 97%
CMY	0.1765, 0.0157, 0.0314
CMYK	0.16, 0.00, 0.02, 0.02
HSL	174°, 84%, 90%
HSV	174°, 16%, 98%
XYZ	77.8640, 89.4114, 101.1499
YIQ	238.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

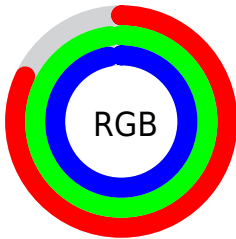
Format	Color
R_{YB}	210, 232, 251
Decimal	13827063
CIE _{Lab}	95.75, -13.84, -2.47
CIE _{LCh}	96, 14.063, 190.126
Y _{xy}	89.4114, 0.2901, 0.3331
Android (android.graphics.Color)	4292017143 (0xFFD2FBF7)
Y _{UV}	238.2850, 4.2965, -24.8059
Hunter-Lab	94.5576, -18.4889, 2.7668

Details

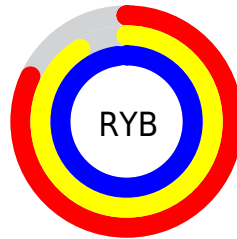
The RGB color **210, 251, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 210, 214**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 194, 191** is the 20% darker color. If you saturate the color by 10%, you get **185, 251, 245**, and if you desaturate by 10%, it is **235, 251, 249**.

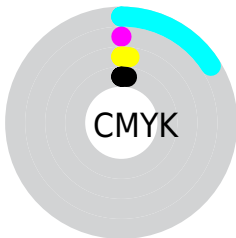
Distribution



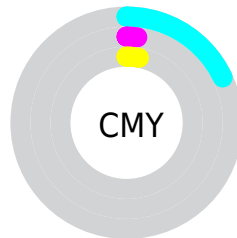
- Red (82%)
- Green (98%)
- Blue (97%)



- Red (82%)
- Yellow (91%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 251, 247 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 210, 251, 247 by changing the saturation by 10% instead.

■ 210, 251, 247

255, 255, 255

■ 210, 251, 247

■ 182, 222, 219

■ 155, 194, 191

■ 129, 167, 164

■ 103, 141, 137

■ 78, 115, 112

■ 54, 91, 88

■ 30, 67, 64

■ 5, 45, 42

■ 0, 25, 22

■ 210, 251, 247

■ 210, 251, 247

■ 185, 251, 245

■ 235, 251, 249

■ 160, 251, 242

■ 255, 251, 252

■ 135, 251, 240

■ 255, 251, 254

■ 110, 251, 237

■ 255, 251, 255

■ 85, 251, 235

■ 59, 251, 232

■ 34, 251, 230

■ 9, 251, 227

■ 0, 251, 227

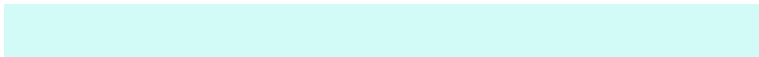
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 250, 233



210, 251, 247



210, 250, 255

Triad

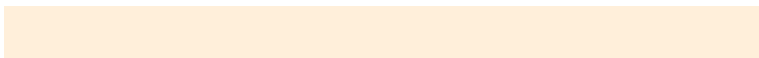
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 251, 247



251, 238, 255



255, 239, 218

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



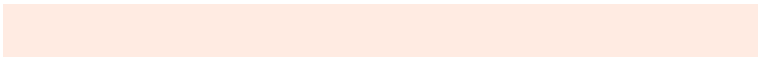
210, 251, 247



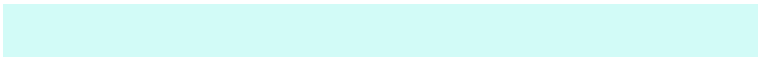
251, 210, 214

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 235, 226



210, 251, 247



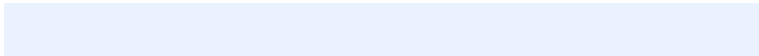
255, 235, 252

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



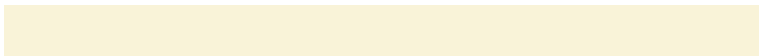
210, 251, 247



234, 242, 255



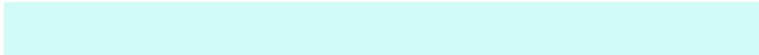
255, 234, 238



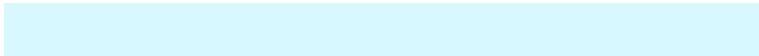
249, 243, 216

Rectangle

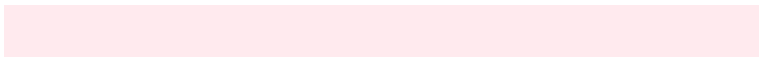
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



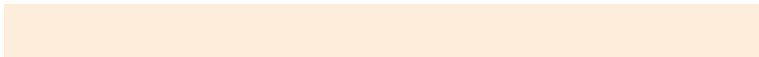
210, 251, 247



215, 248, 255



255, 234, 238



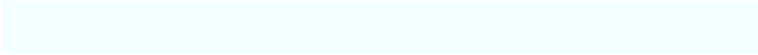
255, 237, 220

Sweetspot

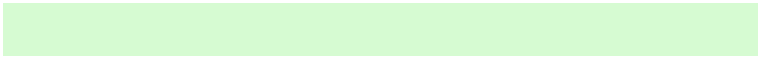
The Sweet Spot groups the original color and five complimentary colors.



210, 251, 247



242, 255, 254



214, 251, 210



120, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

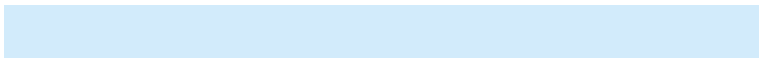
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 251, 247



204, 255, 250



210, 235, 251



112, 125, 124



0, 189, 170



0, 61, 55

Inverse Universe

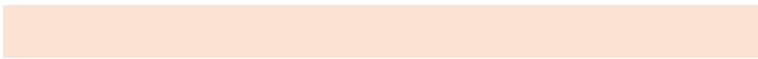
The Inverse Universe completely reimagines the original color for something new.



251, 210, 214



255, 204, 209



251, 226, 210



125, 112, 114



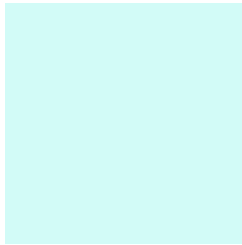
189, 0, 18



61, 0, 6

Previews

White Background



This preview shows how the RGB color 210, 251, 247 looks on a white background.

Color Contrast Check

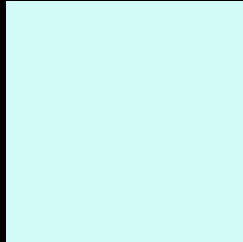
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 210, 251, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

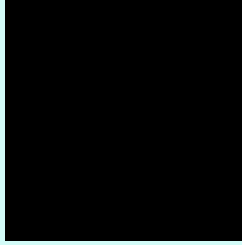
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

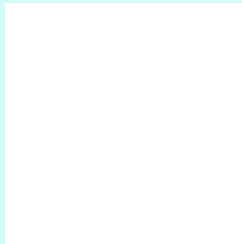
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 210, 251, 247 Background



This preview shows how black text looks on a background with the RGB color 210, 251, 247.

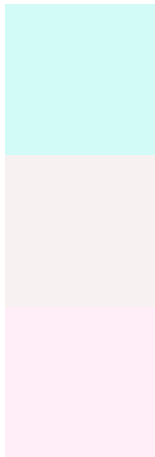


This preview shows how white text looks on a background with the RGB color 210, 251, 247.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
210, 251, 247

Protanopia
247, 241, 241

Deuteranopia
255, 238, 247



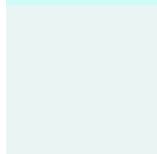
Tritanopia
229, 245, 255

Trichromacy



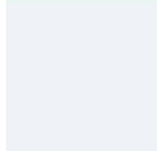
Original Color

210, 251, 247



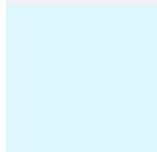
Protanomaly

234, 245, 243



Deuteranomaly

239, 243, 247



Tritanomaly

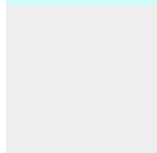
222, 247, 252

Monochromacy



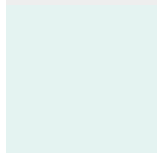
Original Color

210, 251, 247



Achromatopsia

238, 238, 238



Achromatomaly

228, 243, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 251, 247 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 251, 247)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 251, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 247) }
```

Border

The CSS property to change the border of an element to RGB 210, 251, 247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 251, 247) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 251, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 251, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 247);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 210, 251, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
251, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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